

1

BOOK-STYLE SLIDING PIVOT HINGE

FIELD OF THE DISCLOSURE

The present disclosure generally relates to book-style
sliding pivot hinge for an information handling system.

BACKGROUND

As the value and use of information continues to increase,
individuals and businesses seek additional ways to process
and store information. One option is an information han-
dling system. An information handling system generally
processes, compiles, stores, and/or communicates informa-
tion or data for business, personal, or other purposes.
Because technology and information handling needs and
requirements may vary between different applications, infor-
mation handling systems may also vary regarding what
information is handled, how the information is handled, how
much information is processed, stored, or communicated,
and how quickly and efficiently the information may be
processed, stored, or communicated. The variations in infor-
mation handling systems allow for information handling
systems to be general or configured for a specific user or
specific use such as clinical healthcare data storage and
distribution, financial transaction processing, procurement,
stocking and delivery tracking, provision of data services
and software, airline reservations, enterprise data storage, or
global communications. Information handling systems may
include a variety of hardware and software components that
may be configured to process, store, and communicate
information and may include one or more computer systems,
data storage systems, and networking systems. Additionally,
information handling systems may have two or more display
platforms with one or more display screens to output images.
The information handling system can also include hinges to
allow the display platforms to transition to different posi-
tions.

BRIEF DESCRIPTION OF THE DRAWINGS

It will be appreciated that for simplicity and clarity of
illustration, elements illustrated in the Figures are not nec-
essarily drawn to scale. For example, the dimensions of
some elements may be exaggerated relative to other ele-
ments. Embodiments incorporating teachings of the present
disclosure are shown and described with respect to the
drawings herein, in which:

FIG. 1 is a diagram of a information handling system in
an open position according to an embodiment of the present
disclosure;

FIG. 2 is a diagram of a information handling system in
a closed position according to another embodiment of the
present disclosure;

FIG. 3A is a diagram of a sliding pivot hinge detail
without display platforms of the information handling sys-
tem in an open position according to another embodiment of
the present disclosure;

FIG. 3B is another diagram of a sliding pivot hinge detail
of the information handling system according to an embodi-
ment of the present disclosure;

FIG. 4 is a diagram of a the information handling system
with no sliding pivot hinge attached according to an embodi-
ment of the present disclosure;

FIG. 5 is a diagram of an information handling system
according to another embodiment of the present disclosure;
and

2

FIG. 6 is a diagram of a flexible screen interface for an
information handling system according to an embodiment of
the present disclosure.

The use of the same reference symbols in different draw-
ings indicates similar or identical items. It is understood that
the components in the above referenced figures are not
necessarily drawn to scale and are often simplified. Varia-
tions of components or variation as to connection of com-
ponents including use of additional components not depicted
or using fewer components and features are contemplated.

DETAILED DESCRIPTION OF THE DRAWINGS

The following description in combination with the Fig-
ures is provided to assist in understanding the teachings
disclosed herein. The following discussion will focus on
specific implementations and embodiments of the teachings.
This focus is provided to assist in describing the teachings
and should not be interpreted as a limitation on the scope or
applicability of the teachings. However, other teachings may
be utilized in this application, as well as in other applications
and with several different types of architectures such as
distributed computing architectures, client or server archi-
tectures, or middleware server architectures and associated
components.

Most businesses and other enterprises have sophisticated
computing systems used for facilitating internal operations
and for storing sensitive data, protecting access to such data,
and securely communicating outside the enterprise's net-
work, for example to exchange information with business
partners, healthcare providers or the similar data exchange
partners. These enterprise systems also interface with indi-
vidual users. Individual users also use sophisticated com-
puting systems to facilitate working software application
contexts such as running office applications for database
creation and word processing, note taking, accessing internet
data applications, gaming, video playback entertainment,
video and voice communications, email and other electronic
communication, websurfing, music, mobile applications,
and other media accesses. Much of present day information
exchange is conducted electronically, via communications
networks. Currently, a high degree of media entertainment
and other applications are utilized and accessed electroni-
cally by users. Thus, there is an increased need for extended
display capabilities to facilitate broad range of usage includ-
ing to enable multitasking by users. Additionally, traditional
information handling system input devices such as key-
boards and mouse systems are giving way to visual input
interfaces such as touchscreens, hover detection, and motion
sensing technologies. In many instances, it is substantially
beneficial to implement a system with multiple display
platforms having one or more display screens configurable
in many orientations to interact with an information han-
dling system.

For purposes of this disclosure, an information handling
system can include any instrumentality or aggregate of
instrumentalities operable to compute, calculate, determine,
classify, process, transmit, receive, retrieve, originate,
switch, store, display, communicate, manifest, detect,
record, reproduce, handle, or utilize any form of informa-
tion, intelligence, or data for business, scientific, control, or
other purposes. For example, an information handling sys-
tem may be a personal computer (e.g., desktop or laptop),
tablet computer, mobile device (e.g., personal digital assis-
tant (PDA) or smart phone), server (e.g., blade server or rack
server), a network storage device, or any other suitable
device and may vary in size, shape, performance, function-